Rayth on

Page 1 of 2

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

					PD-02W116
Ÿ:		, , , , , , , , , , , , , , , , , , ,			☑ Original☐ Continuation☐ Division☐ Continuation-in-part☐ Supplemental
As a below n	amed invent	or, I hereby declare that:			
My residence	, post office	address and citizenship are	as stated below nex	t to my name.	
	ural names	I, first and sole inventor (if are listed below) of the subject			
8		STIRLING/PULSE TU WITH GAS	BE HYBRID CRYOC S FLOW SHUNT	OOLER	
the specificat	ion of which				
(check one)	X	is attached hereto.		·	
7		was filed on (a) [other than suppler amendments through.	as Applicat mental] was amend		and [supplemental] with
		e reviewed and understand by any amendment referred		bove identified sp	ecification, including
		o disclose to the United Stantability as defined in Title 3			nformation known to
patent or inve	entor's certif	ority benefits under Title 35, icate listed below and have ang a filing date before that of	also identified below	v any foreign app	ication for patent or
Prior Foreign	Application(s)			
	ONE		Devote it of		Priority Claimed ☐ Yes ☐ No
I hereby clair below and, ir United States acknowledge to be materia	nsofar as the application the duty to I to patentab	Country it under Title 35, United States subject matter of each of in the manner provided by disclose to the United States will be as defined in Title 37, Country the prior application and the	the claims of this a the first paragraph o s Patent and Tradem ode of Federal Regu	any United States pplication is not d f Title 35, United ark Office all infor lations, §1.56 whice	isclosed in the prior States Code §112, I mation known to me ch became available
			y-		. 0
Ap	plication Serial	No. Filing	Date	Status (patented, pending,	abandoned)

I hereby appoint the following attorneys, or agent and attorneys, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Colin M. Raufer,

Registration No. 40,781

Leonard A. Alkov,

Registration No. 30,021

Glenn H. Lenzen, Jr.,

Registration No. 29,320

Address all telephone calls to Colin M. Raufer, (310) 647-3214.

16412 Oakmont Lane, Huntington Beach, California 92647

Address all correspondence to Raytheon Company, Patent Docket Administration, P.O. Box 902, Bldg E1, M.S. E150, 2000 E. El Segundo Boulevard, El Segundo, California 90245-0902.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR JOINT INVENTOR Kenneth D. Price	INVENTOR'S SIGNATURE /	ni	DATE 7/24/2003
RESIDENCE (CITY AND STATE) Long Beach, California		CITIZENS U.S.A.	HIP /
POST OFFICE ADDRESS 3706 Cerritos Avenue, Long Beach, Califo	ornia 90807		
FULL NAME OF SOLE OR JOINT INVENTOR Carl S. Kirkconnell	INVENTOR'S SIGNATURE		DATE 7/22/03
RESIDENCE (CITY AND STATE) Huntington Beach, California		CITIZENS U.S.A.	HIP
POST OFFICE ADDRESS 6741 Brentwood Drive, Huntington Beach	, California 92648		
FULL NAME OF SOLE OR JOINT INVENTOR Ken J. Ciccarelli	INVENTOR'S SIGNATURE	~	7-22-03
RESIDENCE (CITY AND STATE) Huntington Beach, California 92646		CITIZENS U.S.A.	HIP
POST OFFICE ADDRESS			